

SVM					
S.no	Hyper Tuning Parameter	Linear	Poly	RBF	Sigmoid
1	C=0.1	0.937521652	-0.056824517	-0.057469388	-0.057487581
2	C=0.5	0.923011311	-0.054182216	-0.057401787	-0.057492744
3	C=1.0	0.895077923	-0.050890118	-0.057317309	-0.057499197
4	C=10	-2.437215037	0.025312389	-0.055800923	-0.057615386
5	C=100	-357.0795147	0.465662634	-0.03023556	-0.058780024
6	C=1000	-36014.02058	0.640323938	0.160600292	-0.070701273
7	C=3000		0.690998545	0.395140856	-0.098982232

Decision Tree Regressor				
S.No	Critrion	Max Feature	Splitter	R Value
1	squared_error	none	best	0.911131572
2	squared_error	none	randome	0.851303374
3	squared_error	sqrt	best	0.701068831
4	squared_error	sqrt	randome	-0.202127363
5	squared_error	log2	best	0.693344053
6	squared_error	log2	randome	0.806851523
7	friedman_mse	none	best	0.908558412
8	friedman_mse	none	randome	0.896231403
9	friedman_mse	sqrt	best	0.768040427
10	friedman_mse	sqrt	randome	0.760286527
11	friedman_mse	log2	best	0.632040687
12	friedman_mse	log2	randome	0.626890174
13	absolute_error	none	best	0.934982784
14	absolute_error	none	randome	0.726443979
15	absolute_error	sqrt	best	0.304424053
16	absolute_error	sqrt	randome	0.851487807
17	absolute_error	log2	best	0.829824748
18	absolute_error	log2	randome	0.881810721
19	poisson	none	best	0.924311546
20	poisson	none	randome	0.800909142
21	poisson	sqrt	best	0.868203932
22	poisson	sqrt	randome	0.61945517
23	poisson	log2	best	0.34388186
24	poisson	log2	randome	0.186863413